| Index of Claims         |                               |                 |                  |           |             | 10/775,619                         |                       |              |                                   |                  |       |            |                 |          | Applicant(s)                                      |         |           |         |                   |          |  |
|-------------------------|-------------------------------|-----------------|------------------|-----------|-------------|------------------------------------|-----------------------|--------------|-----------------------------------|------------------|-------|------------|-----------------|----------|---|---------|-----------|---------|-------------------|----------|--|
|                         |                               |                 |                  |           |             |                                    |                       |              |                                   |                  |       |            |                 |          | BISHOP ET AL.                                     |         |           |         |                   |          |  |
|                         |                               |                 |                  |           |             | Exar                               |                       | Art Unit     |                                   |                  |       |            |                 |          |   |         |           |         |                   |          |  |
|                         |                               |                 |                  |           |             | Johr                               | าทy                   | <u>H.</u>    | . Hoa                             | ing              |       |            |                 | 37       | 47  |         |           |         | $\perp$           |          |  |
|                         | П                             | /T              | hrow             | gh nu     |             | .1\                                | lΓ                    | Т            |                                   |                  |       | 1          | П               |          |   | —       |           |         | 7                 |          |  |
| √ Rejected              | -                             | (1              | Ca               | ncelle    | mera<br>ed  | "                                  |                       | N            | Non                               | -Elec            | cted  |            | A               |          | Ą٢  | ope     | al        |         |                   |          |  |
|                         |                               |                 |                  |           |             |                                    | i i                   | .†           |                                   | nterference      |       |            |                 | Objected |   |         |           | 1       |                   |          |  |
| = Allowed ÷             |                               |                 | Restricted       |           |             |                                    | ] [                   | <u> </u>     | Inte                              | rtere            | nce   |            | 0               |          | Obj   | jec1    | ted       | 1       |                   |          |  |
| Claim Date              |                               | $\neg$          | Cla              | im        |             |                                    | Date                  |              |                                   | $\neg$           | CI    | aim        | Т               |          | —   | Da      | te        |         |                   |          |  |
|                         |                               |                 |                  |           | $\prod$     |                                    |                       |              |                                   |                  |       |            | П               |          | $\top$  |         |           |         |                   |          |  |
| Original Original       |                               |                 | Final            | Original  |             |                                    |                       |              |                                   |                  | Finaf | Original   |                 |          |   |         |           |         |                   |          |  |
|                         | $\dashv$                      | _               | $\vdash$         |           | +-+         |                                    | $oxdapsymbol{\sqcup}$ | $\downarrow$ | $\dashv$                          | Ш                |       |            | $\sqcup$        | $\dashv$ | 4   | 4       | _         | 4       | $\sqcup$          | L        |  |
| 1 1                     |                               | $\dashv$        | $\vdash$         | 51<br>52  | ++          | - -                                | ┝╌┼                   | +            | +                                 | H                |       | 101        |                 | +        | +   | +       | ╁         | +       | +                 | $\vdash$ |  |
| 3 0                     |                               |                 |                  | 53        | 11          |                                    |                       | 十            | $\dashv \dashv$                   | $\Box$           |       | 103        |                 | $\top$   | $\top$  | +       | $\top$    | +       | $\dagger \dagger$ | Г        |  |
| 4 0                     | $\Box$                        | $\Box$          |                  | 54        | $+$ $\Box$  | $\Box$                             | П                     | $\bot$       | $\Box$                            |                  |       | 104        |                 | $\perp$  | 工   | $\bot$  | Ţ         | $\perp$ | Ш                 | Ĺ        |  |
|                         | $\dashv$                      |                 | $\vdash$         | 55        | ++          | +                                  | $\vdash \vdash$       | +            | $\dashv$                          | $\vdash$         | -     | 105        |                 | +        | +   | +       | +         | +       | +                 | $\vdash$ |  |
| 6 0                     | $\dashv$                      | -               | $\vdash$         | 56<br>57  | ++          | +                                  | $\vdash \vdash$       | +            | +                                 | <del>    '</del> | ·     | 106<br>107 | ╁╌┤             | +        | +   | +       | +         | +       | +                 | $\vdash$ |  |
| 7 O 8 O                 | +                             | <del> </del> .  | $\vdash$         | 58        | ++          | ++                                 | $\vdash \vdash$       | +            |                                   | $\vdash$         | -     | 107        | ╁┤              | +        | +   | +       | +         | +       | +                 | $\vdash$ |  |
| 9 🗸                     | _                             |                 |                  | 59        |             | _ -                                |                       | $\dashv$     | $\exists$                         | <u></u> -        |       | 109        |                 | $\top$   | $\top$  | $\top$  | 十         | $\top$  | $\forall$         | Г        |  |
| 10 0                    |                               |                 |                  | 60        | 丌           |                                    |                       | $\Box$       |                                   |                  |       | 110        | $\Box$          | 工        | 工   | 工       | I         | 工       |                   | L        |  |
| 11 0                    | $\Box$                        |                 |                  | 61        | $\bot T$    | Ш                                  | П                     | $\perp$      | $\Box$                            | $\Box$           |       | 111        |                 | 工        | 工   | $\perp$ | $\perp$   | 工       | П                 |          |  |
| 12 0                    | $\dashv$                      | $\dashv$        | 1                | 62        | ++          | 44                                 | $\vdash$              | $\dashv$     | _ _                               | $\square$        | .     | 112        |                 | $\dashv$ | +   | +       | +         | +       | +                 | <b> </b> |  |
| 13 V                    | $\dashv$                      |                 | $\vdash$         | 63<br>64  | ++          | +                                  | $\vdash \vdash$       | +            |                                   | H                | -     | 113<br>114 | $\dashv$        | +        | +   | +       | +         | +       | +                 | ŀ        |  |
| 15 0                    | -                             | $\dashv$        | $\vdash$         | 65        | +           | +                                  | $\vdash$              | +            | $\dashv$                          | $\vdash$         | -     | 115        | $\vdash \vdash$ | +        | +   | +       | +         | +       | +                 | ┢        |  |
| 16 0                    | $\dashv$                      | -               |                  | 66        | ++          | 11                                 | $\vdash$              | +            |                                   | $\dashv$         |       | 116        |                 | 十        | +   | +       | +         | +       | $\forall$         | T        |  |
| 17 1                    |                               |                 |                  | 67        |             |                                    |                       | 丁            |                                   |                  |       | 117        | П               | 士        | 丁   | 士       | Ť         | 丁       | $\Box$            |          |  |
| 18 <b>O</b> 19 <b>O</b> | $\Box$                        |                 |                  | 68        | $\bot \Box$ |                                    | $\Box$                | 二            | $\Box$                            | $\Box$           |       | 118        | П               | 工        | 工   | 工       | I         | 工       | П                 |          |  |
| 19 0                    | $\dashv$                      |                 |                  | 69        | ++          | $\dashv$                           | $\vdash \downarrow$   | $\dashv$     |                                   | $\vdash$         |       | 119        |                 | $\dashv$ | +   | +       | +         | +       | +                 | L        |  |
| 20 <b>O</b> 21 <b>V</b> | $\dashv$                      | -               |                  | 70<br>71  | +           | $\dashv\dashv$                     | $\dashv$              | +            | $\dashv \dashv$                   | $\vdash$         | -     | 120<br>121 | ╁╾┤             | $\dashv$ | +   | +       | +         | +       | +                 | <u> </u> |  |
| 22 0                    | $\dashv$                      | -               |                  | 72        | +++         | +                                  | $\dashv$              | +            | +                                 | $\vdash$         |       | 122        | +               | $\dashv$ | +   | +       | +         | +       | +                 | $\vdash$ |  |
| 23 0                    | $\dashv$                      | $\dashv$        | $\vdash$         | 73        | ++          | +                                  | $\dashv$              | +            | +                                 | $\dashv$         | -     | 123        | +               | 十        | +   | 十       | 十         | +       | $\forall$         | H        |  |
| 24 0                    |                               |                 |                  | 74        |             |                                    |                       | 士            |                                   |                  |       | 124        |                 | o        | _   | 丁       | <u> </u>  | 丁       | $\Box$            |          |  |
| 25 🗸                    |                               |                 |                  | 75        | Ш           |                                    |                       | $\Box$       |                                   | $\Box$           | 7     | 125        |                 | $\Box$   | ユ   | 工       | I         | 工       | $\square$         |          |  |
| 26                      | $\perp \downarrow \downarrow$ | _               |                  | 76        | 44          | $\perp \! \! \perp \! \! \! \perp$ | $\prod$               | $\bot$       | $\Box$                            | $\square$        |       | 126        | $\Box$          | $\bot$   | 工   | $\bot$  | _         | 工       | Щ                 |          |  |
| 27                      | $\dashv$                      | $\dashv$        | $\vdash$         | 77        | +-+         | -                                  | 1                     | +            | $\dashv \dashv$                   | H                |       | 127        |                 | $\dashv$ | +   | +       | +         | +       | 4-4               | -        |  |
| 28 29                   | +                             | $\dashv$        | <del>     </del> | 78<br>79  | +           | +                                  | $\dashv$              | +            | $\dashv \dashv$                   | $\dashv$         | -     | 128<br>129 | +               | $\dashv$ | +   | +       | +         | +       | $\dashv$          | <u> </u> |  |
| 30                      | $\dashv$                      | $\dashv$        |                  | 80        | ++          | +                                  | $\dashv$              | +            | $\dashv \dashv$                   | $\dashv$         | -     | 130        | +               | +        | +   | +       | +         | +-      | +-                |          |  |
| 31                      |                               | $\neg$          |                  | 81        | $\pm \pm$   |                                    |                       | $\neg$       |                                   |                  |       | 131        | $\Box$          | 士        | $\top$  | $\top$  | $\top$    | T       | $\top$            |          |  |
| 32                      |                               |                 |                  | 82        | Ш           |                                    |                       | $\Box$       | $\Box$                            |                  |       | 132        |                 |          | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ |         | I         |         |                   |          |  |
| 33                      | $\bot \bot \Box$              |                 | $\Box$           | 83        | $\prod$     | $\Box$                             | Д                     | $\bot$       | $\Box$                            |                  |       | 133        |                 | $\bot$   | 工   | $\bot$  | Ĺ         | 工       | П                 |          |  |
| 34 0                    | $\dashv$                      |                 | -                | 84        | ++          | $\dashv$                           | $\dashv$              | +            | $\dashv$                          |                  | -     | 134        | $\vdash \vdash$ | +        | +   | +       | +         | +       | $\sqcup$          |          |  |
| 35 <b>O</b> 36 <b>V</b> | $\dashv$                      | :-              | -                | 85<br>86  | ++          | +                                  | $\dashv$              | +            |                                   |                  |       | 135<br>136 | ╁╌┤             | $\dashv$ | +   | +-      | ╁         | +       | ┼┤                | -        |  |
| 37 0                    | $\dashv$                      |                 | <del> </del>     | 87        | ++          | +                                  | $\dashv$              | +            | $\dashv \dashv$                   |                  | -     | 137        | $\vdash$        | +        | +   | +       | +         | +       | +-+               | _        |  |
| 38 0                    | $\dashv$                      | <b>∃</b> ;      | $\vdash$         | 88        | ++          | +                                  | o                     | 十            | ++                                | - 1              |       | 138        | $\vdash \vdash$ | $\dashv$ | +   | +       | $\dagger$ | +       | +                 |          |  |
| 39 🖍                    |                               |                 |                  | 89        | 丁丁          |                                    |                       | 士            |                                   |                  | e l   | 139        | $\Box$          | 丁        | 士   | 丁       | Ţ         | 丁       |                   |          |  |
| 40 0                    |                               |                 |                  | 90        |             |                                    | $\Box$                | 工            | $\Box$                            |                  |       | 140        | $\Box$          | $\perp$  | $\perp$   | I       | I         | I       | $\Box$            |          |  |
| 41 O                    | $\dashv$                      | 4               |                  | 91        | +           | 44                                 | 4                     | $\perp$      | $\perp \!\!\! \perp \!\!\! \perp$ |                  | ·     | 141        | $\sqcup$        | 4        | 4   | +       | 1         | $\perp$ | $\sqcup$          |          |  |
| 42 43                   | $\dashv$                      | <u> </u>        | $\vdash$         | 92        | ++          | +                                  | $\dashv$              | +            | $\dashv$                          |                  | .     | 142        | $\vdash$        | -        | +   | +       | +         | -       | $\dashv$          | -        |  |
| 44                      | $\dashv$                      | $\dashv$        | $\vdash$         | 93        | ++          | +                                  | +                     | +            | +                                 |                  | -     | 143<br>144 | $\vdash$        | +        | +   | +       | +         | +       | +                 | _        |  |
| 45                      | $\dashv \dashv$               | <del>-</del>  . |                  | 95        | +++         | ++                                 | +                     | +            | ++                                |                  | -     | 145        |                 | +        | +   | +       | +         | +       | H                 |          |  |
| 46                      |                               | $\exists$       |                  | 96        | 11          | 1                                  | $\top$                | $\dashv$     |                                   | $\dashv$         |       | 146        | H               | +        | $\top$  | $\top$  | T         | +       | $\forall$         | _        |  |
| 47                      |                               |                 |                  | 97        | $\coprod$   |                                    | $\Box$                | 工            |                                   |                  | ;     | 147        |                 | 工        | 工   | 工       | Ι         | 工       | $\square$         | _        |  |
| 48                      | 1 T                           | - 1             | 1 T              | 98        | $\perp$     |                                    | T                     | T            | T                                 |                  |       | 148        |                 | $\perp$  | $\bot$  | $\perp$ |           | $\perp$ |                   |          |  |
| 40                      |                               |                 | $\vdash$         |           | +           | $\rightarrow$                      | $\overline{}$         | _            |                                   |                  |       |            |                 |          |   |         |           |         |                   | _        |  |
| 49 50                   |                               |                 |                  | 99<br>100 | $\Box$      | $\Box$                             | $\Box$                | $\Box$       |                                   |                  |       | 149<br>150 | $\sqcup$        | $\perp$  | 4   | $\bot$  | ╄         | $\bot$  | Ш                 |          |  |

Application No.

Applicant(s)